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ABSTRACT

A computer for implementing a method for conditionally capturing hardware scan dump data to minimize the reboot recovery time is disclosed. ~~The computer comprises~~ employs a service processor operable to detect a failure of another hardware component of the computer. Upon detection, the service processor will conditionally capture hardware scan dump data. The first condition for capturing hardware scan dump data is the service processor being activated into an active storing mode of operation labeled "Always". The second condition for capturing hardware scan dump data is the service processor being activated to a reactive storing mode of operation labeled "As Needed" and the error causing the operational failure being a type of error where hardware scan dump data is needed or desired by a system engineer in correcting the operational failure. By conditionally capturing hardware scan dump data, the amount of data being processed over multiple failures of the computer is minimized. ~~Thus, over multiple failures of the computer, recovery time is reduced and system availability is enhanced.~~